Aegis Bio 3.0

User's Manual

APRICORN

THE LEADER IN PERSONAL STORAGE

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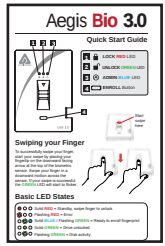
About the Aegis Bio

When security matters, trust your data to the Aegis Bio.

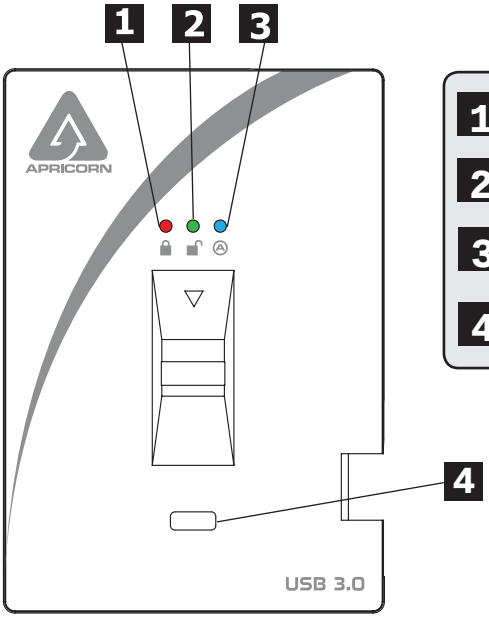
Designed for those that demand the highest level of protection for their data, the Aegis Bio fuses leading edge technology in biometric authentication and encryption with a rugged, portable design to produce a truly remarkable drive.

Package contents



Aegis Bio with integrated USB 3.0 cable
Padded Travel Pouch
Auxiliary Y-USB Extension cable
Quick Start Guide

Fingerprint Sensor

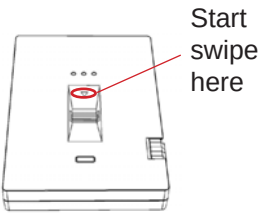


1 LOCK **RED** LED

2 UNLOCK **GREEN** LED

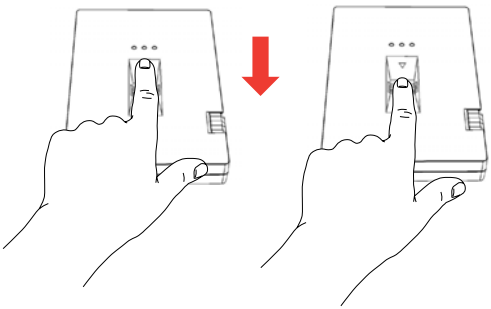
3 ADMIN **BLUE** LED

4 **ENROLL** Button



Swiping your Finger

To successfully swipe your finger, start your swipe by placing your fingertip on the downward facing arrow at the top of the biometric sensor. Swipe your finger in a downward motion across the sensor. If your swipe is successful the **GREEN** LED will start to flicker.



Basic LED States

- Solid **RED** = Standby, swipe finger to unlock
- Flashing **RED** = Error
- Solid **BLUE** / Flashing **GREEN** = Ready to enroll fingerprint
- Solid **GREEN** = Drive unlocked
- Flashing **GREEN** = Disk activity

Aegis Bio - Connections

Before you begin

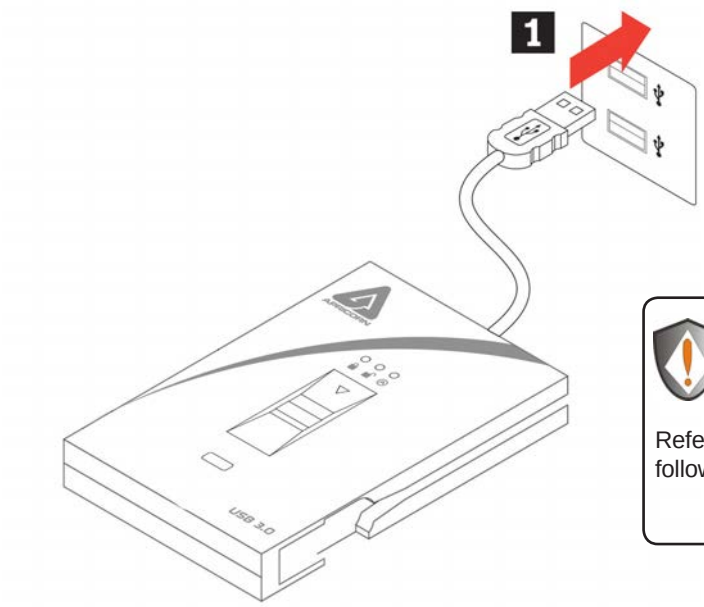
Be sure to review the following information before you begin to use the Aegis Bio.

Attention: Use only the included cables with your Aegis Bio. You might damage the drive if you use a cable not included with the Aegis Bio.

The Aegis Bio is designed for portable use without an AC power adapter and in most cases will be able to power on a single USB port. In the event that the Aegis Bio is unable to power on a single USB connection, use the included USB Y-cable.

Connecting the Aegis Bio

1. Attach the integrated USB cable of the Aegis Bio drive to an available USB port on your computer, as shown below.
2. At least one of the Aegis Bio LEDs should turn on, indicating that the Aegis Bio is receiving power.



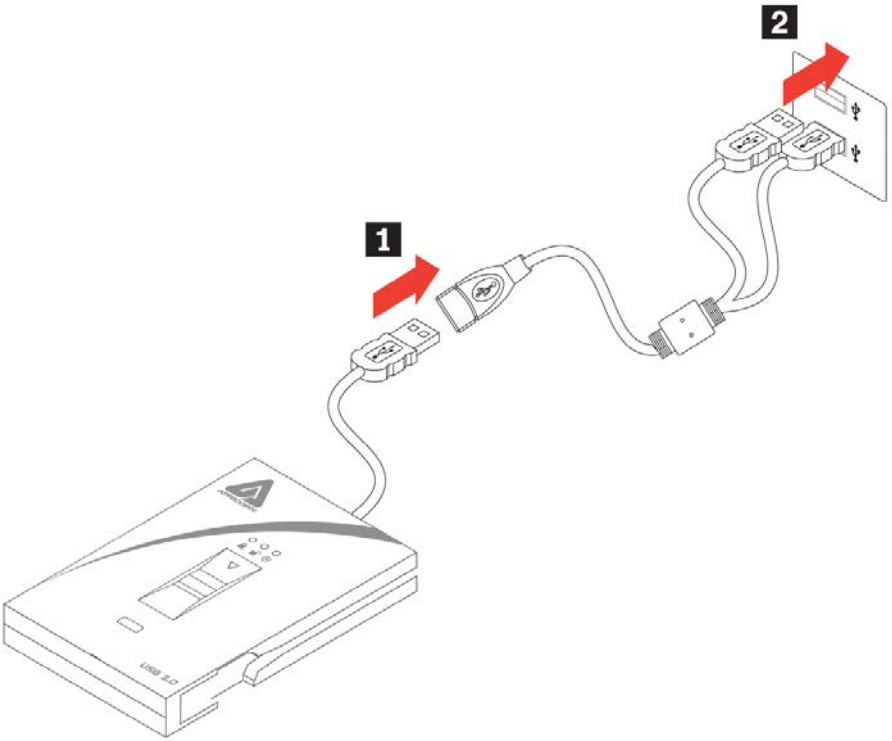
If none of the LEDs turns on, use the included USB Y-cable.

Refer to directions on the following page

Connecting the Aegis Bio with USB Y-Cable

If none of the Aegis Bio LEDs power on a single USB connection, use the included USB Y-cable.

1. Attach the Aegis Bio's integrated USB cable to the female connector of the USB Y-cable.
2. Connect the two male USB connectors to two available USB ports on your computer.
3. At least one of the Aegis Bio LEDs should turn on, indicating that the Aegis Bio is powered.



Getting Started - Out of the Box

TIP: We highly recommend that you enroll at least three different fingers to ensure access to the drive in the case that your primary finger cannot be used.

1. Attach the integrated USB cable of the Aegis Bio to an available USB port on your computer. The Aegis Bio LEDs will show Solid **BLUE** and Flashing **GREEN** indicating that the drive is ready to enroll your fingerprint.

2. **Swipe your Finger.** The **BLUE** LED will turn off while the **GREEN** LED starts to flicker briefly as the Aegis Bio processes your fingerprint.

   Wait until the **BLUE** LED turns back to Solid **BLUE** and the **GREEN** LED returns to its flashing state.

3. **Continue to repeat Step 2** until both the **BLUE** and **GREEN** LED are in a solid state, indicating that your fingerprint is fully enrolled.

   NOTE: The number of attempts will vary depending on the quality of the fingerprint read. For most people six swipes will be sufficient.

   If there is a problem with a fingerprint read, the **BLUE** LED will turn off and the **RED** LED with start to flash.

4. **To enroll more fingerprints, press the ENROLL button within 15 seconds from your last successful fingerprint enrollment and repeat the process in steps 2 and 3.**

   NOTE: A maximum of 5 fingerprints can be stored. There is a 15 second timeout between entering fingerprints. If the ENROLL button is not pressed again after the last fingerprint, the unit will assume no more fingerprints will be entered and return to a standby state.

   Once 5 fingerprints have been stored, all three LEDs will turn on. After 2 seconds the **GREEN** and **BLUE** LED will turn off with just the Solid **RED** LED showing. At this point no more fingerprints can be enrolled.

NOTE: Once enrolled, fingerprints cannot be un-enrolled individually. To remove enrolled fingerprints, a complete re-set of the drive is required.

Unlocking the Aegis Bio

Once your fingerprints are enrolled, you can unlock the Aegis Bio using the directions below.

1. Attach the integrated USB cable of the Aegis Bio to an available USB port on your computer. The Aegis Bio LED will show Solid **RED** indicating that the drive is locked and is in Standby mode.
2. **Swipe your Finger.** The **RED** LED will turn off while the **GREEN** LED will start to flicker briefly as the Aegis Bio processes your fingerprint.
3. You will know that your fingerprint has been accepted once the **GREEN** LED stops flickering and turns Solid **GREEN**. **The drive is now unlocked and ready for use.**

Locking the Aegis Bio

To lock the Aegis Bio after it has been unlocked, use the directions below.

1. **Press the ENROLL button** until the **RED** LED turns on. The drive will check for disk activity. If no data has been written to the drive for 2 seconds, the drive will lock. If data is being written to the drive, it will wait until the disk activity has been finished before locking the drive.
2. The Aegis Bio LED will go from **GREEN** to Solid **RED** when locked.

   NOTE: If you use the safely remove hardware button (Windows) or Eject device (Mac), the Aegis Bio will lock and dismount but the LED will remain **GREEN**. You will need to physically remove and re-plug the USB cable before being able to access the drive.

Complete Reset

NOTE: The complete re-set will delete all stored fingerprints and will change the encryption key used to secure the drive.

THIS WILL ERASE ANY DATA ON THE DRIVE. USE WITH CAUTION.

1. Hold down the ENROLL button and plug the Aegis Bio USB cable into your computer. The LED will alternate **RED** / **BLUE**.
2. Release the ENROLL button, then within 5 seconds repress and hold the ENROLL button for 15 seconds. The LED will alternate between **RED** / **BLUE** / **GREEN** during the 15 seconds.
3. When the drive successfully resets, the **GREEN** LED will stay on for 3 seconds, then will change to Solid **BLUE** with the **GREEN** LED flashing. You can now release the ENROLL button.
4. The Aegis Bio has now been returned to its **OUT OF THE BOX** state and is now ready to enroll fingerprints. Once fingerprints are enrolled the Aegis Bio will need to be partitioned and reformatted before use.

Formatting the Aegis Bio After a Complete Reset

After a complete reset, follow the instructions on page 8 “**Getting Started”** to enroll your fingerprints. Once your fingerprints are enrolled follow the directions below to format and partition your Aegis Bio.

Formatting for Windows

1. Right-click **My Computer**, and then click **Manage** from the Windows desktop.
2. In the Computer Manage window, click **Disk Management**. In the Disk Management window, the Aegis Bio is recognized as an unknown device that is uninitialized and unallocated.
3. Do the following to make the drive recognized as a basic drive.
    - If the Initialize and Convert Disk Wizard window opens, click **Cancel**, then initialize the disk manually using the following steps.
        a. Right-click Unknown Disk, and then select Initialize Disk.
        b. In the Initialize Disk window, click **OK**.
4. Right-click in the blank area under the Unallocated section, and then select New Partition. The Welcome to the New Partition Wizard window opens.
5. Click **Next**.
6. Select Primary partition and click **Next**.
7. If you need only one partition, accept the default partition size and click **Next**.
8. Click **Next**.
9. Create a volume label, select Perform a quick format, and then click **Next**.
10. Click **Finish**.
11. Wait until the format process is complete. The Aegis Bio will be recognized and it is available for use.

Formatting for Mac

Once the drive is unlocked, open **Disk Utility** from **Applications/ Utilities/Disk Utilities.**

To format the Aegis Bio:

1. Select the Aegis Bio from the list of drives and volumes. Each drive in the list will display its capacity, manufacturer, and product name, such as 232.9 Apricorn Bio.
2. Click the ‘Erase’ tab.
3. Enter a name for the drive. The default name is Untitled. The drive’s name will eventually appear on the desktop.
4. Select a volume format to use. The Volume Format dropdown menu lists the available drive formats that the Mac supports. The recommended format type is ‘Mac OS Extended (Journaled).’
5. Click the ‘Erase’ button. Disk Utility will unmount the volume from the desktop, erase it, and then remount it on the desktop.
6. Your Aegis Bio is now formatted and ready to use.

Enrolling a new finger

If there are less than 5 fingerprints enrolled and you want to enroll a new finger, follow the instructions below.

1. **Plug in the Aegis Bio to a USB port on your computer.** The LED should be Solid **RED** indicating that the drive is Standby mode.

2. **Push the ENROLL button for 3 seconds.**

   If less than 5 fingerprints are enrolled, the **BLUE** LED will become Solid **BLUE** and **RED** LED will remain illuminated. Proceed to Step 3.

   If 5 fingerprints are enrolled, the **BLUE** and **GREEN** LED will come on for 2 seconds and the **RED** LED will be Solid **RED**. You will not be able to enroll any more fingerprints.

3. **Swipe a finger that has been previously enrolled.** The **GREEN** LED will flash if the fingerprint is accepted. If the fingerprint is not accepted the **RED** LED will flash.

4. Once the fingerprint is accepted the **BLUE** LED will become Solid **BLUE** and the **GREEN** LED will continue flashing, indicating that the Aegis Bio is ready to enroll a new fingerprint.

5. **Swipe a new finger.** The **BLUE** LED will turn off while the **GREEN** LED starts to flicker briefly as the Aegis Bio processes your new fingerprint.

   Wait until the **BLUE** LED turns back to Solid **BLUE** and the **GREEN** LED returns to its flashing state.

6. **Repeat Step 5** until both the **BLUE** and **GREEN** LED are in a solid state, indicating that your fingerprint is fully enrolled.

NOTE: Once enrolled, fingerprints cannot be un-enrolled individually. To remove enrolled fingerprints, a complete re-set of the drive is required.

Hibernating, Suspending or Logging off from the OS

Be sure to save and close all the files on your Aegis Bio before hibernating, suspending, or logging off from the Windows operating system.

It is recommended that you log off the Aegis Bio manually before hibernating, suspending, or logging off from your system.

To log off the Aegis Bio press the ENROLL button. The Aegis Bio LED will go from **GREEN** to Solid **RED** when locked.

NOTE: If you use the safely remove hardware button (Windows) or Eject device (Mac), the Aegis Bio will lock and dismount but the LED will remain **GREEN**. You will need to physically remove and re-plug the USB cable before being able to access the drive.

Attention: To ensure the data integrity of your Aegis Bio, be sure to lock or log off your Aegis Bio if you are:

- away from your computer
- using the switching user function by sharing a computer with others

Troubleshooting

This section contains troubleshooting information for the Aegis Bio. If you encounter any of the following problems when using the Aegis Bio, refer to the corresponding answers.

Q: Is there any other way to access the drive without using the fingerprint scanner?

A: No. Until the scanner authenticates the user's fingerprint, the drive will not even be visible to the operating system.

Q: How many fingerprints should be enrolled?

A: The minimum recommendation would be to enroll 3 fingerprints. There is a maximum of 5 fingerprints; however you may want to reserve 1 or 2 for future use. Once all 5 spots are taken, the only method of removing fingerprints is to re-set the drive, which will erase all stored fingerprints and data on the drive.

Q: Will the Aegis Bio's fingerprint reader interfere with the fingerprint reader that is built into my laptop.

A: No. The circuitry for the Aegis Bio's fingerprint reader is securely isolated from any communications that might come from your computer or any other source.

Technical Support

Apricorn provides the following helpful resources for you:

1. Apricorn's Website (**http://www.apricorn.com**)

   This gives you the ability to check for up-to-date information

2. E-mail us at **support@apricorn.com**

3. Or call the Technical Support Department at **1-800-458-5448**

   Apricorn's Technical Support Specialists are available from

   8:00 a.m. to 5:00 p.m., Pacific Standard Time Monday through Friday

Warranty and RMA information

One Year Limited Warranty:
Apricorn offers a 1-year limited warranty on the Aegis Bio against defects in materials and workmanship under normal use. The warranty period is effective from the date of purchase either directly from Apricorn or an authorized reseller.

Disclaimer and terms of the warranties:
THE WARRANTY BECOMES EFFECTIVE ON THE DATE OF PURCHASE AND MUST BE VERIFIED WITH YOUR SALES RECEIPT OR INVOICE DISPLAYING THE DATE OF PRODUCT PURCHASE.

APRICORN WILL, AT NO ADDITIONAL CHARGE, REPAIR OR REPLACE DEFECTIVE PARTS WITH NEW PARTS OR SERVICEABLE USED PARTS THAT ARE EQUIVALENT TO NEW IN PERFORMANCE. ALL EXCHANGED PARTS AND PRODUCTS REPLACED UNDER THIS WARRANTY WILL BECOME THE PROPERTY OF APRICORN.

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